

FIGURE 1

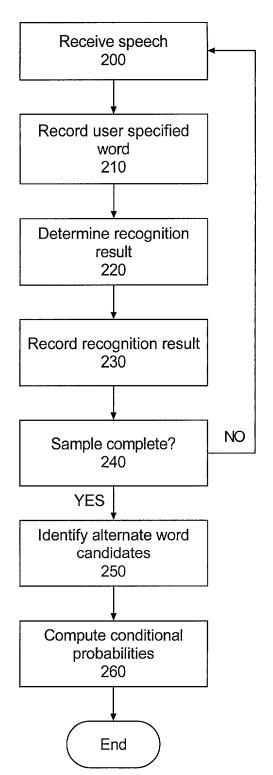


FIGURE 2

Recognition Results

## **User Specified Letter**

|                       | Α        | В    | С    | D    | Е    | F    | G        | Н    |      | J    | K    | L        |
|-----------------------|----------|------|------|------|------|------|----------|------|------|------|------|----------|
| A                     | 0.68     |      |      |      |      |      |          |      | 0.14 |      |      |          |
| B<br>C<br>D<br>E<br>F |          | 0.91 |      | 0.09 |      |      |          |      |      |      |      |          |
| С                     |          |      | 0.73 |      |      |      |          |      |      |      |      |          |
| D                     |          | 0.08 |      | 0.61 | 0.24 |      |          |      |      |      |      |          |
| E                     |          |      |      |      | 0.85 |      |          |      |      |      |      |          |
| F                     |          |      |      |      |      | 0.65 |          |      |      |      |      |          |
| G                     |          |      |      |      |      |      | 0.69     |      |      |      |      |          |
| Н                     |          |      |      |      |      |      |          | 1.00 | 4.00 |      |      |          |
|                       |          |      |      |      |      |      |          |      | 1.00 |      |      |          |
|                       |          |      |      |      |      | :    |          |      |      |      | 0.60 |          |
| K                     | 0.40     |      |      |      |      |      |          |      |      |      | 0.60 | 0.94     |
| L                     |          |      |      |      |      |      |          |      |      |      |      | 0.94     |
| M                     |          |      |      |      |      |      |          |      |      |      |      |          |
| N                     |          |      |      |      |      |      |          |      |      |      |      | 0.44     |
| 0                     | <u> </u> |      |      |      |      |      |          |      |      |      |      | 0.11     |
| Р                     |          |      |      | 0.04 | 0.04 |      |          |      |      |      |      |          |
| Q                     |          |      |      |      |      |      |          |      | 0.40 |      |      |          |
| P<br>Q<br>R<br>S      |          |      |      |      |      | 0.03 |          |      | 0.18 | 0.00 |      |          |
| <u>s</u>              |          |      |      |      |      | 0.18 |          | 0.08 |      | 0.09 |      |          |
| T                     |          |      |      | 0.14 | 0.11 |      | 0.07     |      |      |      |      |          |
| U                     |          |      |      |      |      |      |          |      |      |      |      |          |
| V                     |          |      | ļ    |      |      |      |          |      |      |      |      |          |
| W                     |          |      |      |      |      |      |          |      |      |      |      |          |
| X                     |          |      |      |      |      |      |          |      |      |      | -    |          |
| Υ                     |          |      |      |      |      |      | <u> </u> |      |      |      |      |          |
| Z                     |          |      |      |      | 0.08 |      |          | 1    |      |      |      |          |
| Timeout               | 0.07     | 0.07 | 0.07 | 0.07 | 0.02 | 0.02 |          | 0.15 | 0.02 | 0.07 |      | <u> </u> |

FIGURE 3A

Recognition Results

## **User Specified Letter**

|                  | М        | N    | 0    | Р    | Q    | R    | S        | Т    | U    | V    | W    | Х    | Υ        | Z    |
|------------------|----------|------|------|------|------|------|----------|------|------|------|------|------|----------|------|
| A                |          |      |      |      |      |      |          |      |      |      |      |      |          |      |
| A B C D E F G    |          |      |      |      |      |      |          |      |      |      |      |      |          |      |
| С                |          |      |      |      |      | _    |          | 0.07 |      | 0.13 |      |      |          | 0.07 |
| D                |          |      |      |      |      |      |          |      |      | 0.08 |      |      |          |      |
| E                |          |      |      |      |      |      |          |      |      | 0.15 |      |      |          |      |
| F                |          |      |      |      |      |      | 0.35     |      |      |      |      |      |          |      |
| G                |          |      |      | 0.13 |      |      |          | 0.13 |      | 0.06 |      |      |          |      |
| Н                |          |      |      |      |      |      |          |      |      |      |      |      |          |      |
| Î                |          |      |      |      |      |      |          |      |      |      |      |      |          |      |
| J                |          |      |      |      |      |      |          |      | 1    |      |      |      |          |      |
|                  |          |      |      |      |      |      |          |      | · ·  |      |      |      |          |      |
| Κ                |          |      |      |      |      |      |          |      |      |      |      |      |          | ļ    |
| L                | 0.06     |      |      |      |      |      |          |      |      |      |      |      |          |      |
| М                | 0.82     | 0.18 |      |      |      |      |          |      |      |      |      |      |          |      |
| N                |          | 0.93 |      |      |      |      |          |      |      |      |      | 0.07 |          |      |
| 0                |          |      | 0.78 |      |      | 0.07 |          |      | 0.04 |      |      |      |          |      |
| Р                |          |      |      | 0.92 |      |      |          |      |      |      |      |      |          | ļ    |
| Q                |          |      |      | 0.05 | 0.85 |      |          | 0.05 | 0.24 |      |      |      |          |      |
| Q<br>R<br>S<br>T |          |      |      |      |      | 0.74 |          |      |      |      |      |      | 0.05     |      |
| S                | <u> </u> |      |      |      |      |      | 0.84     |      |      |      |      |      |          |      |
|                  |          |      |      | 0.07 |      |      |          | 0.55 |      | 0.07 |      |      |          |      |
| U                |          |      |      |      |      |      |          |      | 1.00 |      |      |      |          |      |
| V                |          |      | _    |      |      |      |          |      |      | 0.43 |      |      |          | 0.57 |
| W                |          |      |      |      |      |      |          |      |      |      | 1.00 |      |          |      |
| X                |          |      |      |      |      |      | <u> </u> |      |      |      |      | 1.00 | <u> </u> |      |
| Υ                |          |      |      |      |      |      |          |      |      |      |      |      | 1.00     |      |
| Z                |          |      |      |      |      |      |          |      |      | 0.32 |      |      |          | 0.59 |
| Timeout          | 0.07     | 0.07 |      |      |      | 0.10 |          | J    |      |      | 0.07 |      | 0.02     | 0.07 |

FIGURE 3B

| Recognition Results | Incorrectly | Recognize | ed Letters ( | alternates) |   |
|---------------------|-------------|-----------|--------------|-------------|---|
| A                   | 1           |           |              |             |   |
| В                   | d           |           |              |             |   |
| С                   | V           | t         | Z            |             |   |
| D                   | E           | b         | V            |             |   |
| E                   | V           |           |              |             |   |
| F                   | S           |           |              |             |   |
| G                   | Р           | Т         | V            |             |   |
| Н                   |             |           |              |             |   |
| l                   |             |           |              |             |   |
| J                   | а           |           |              |             |   |
| К                   | А           |           |              |             |   |
| L                   | m           |           |              |             |   |
| M                   | N           |           |              |             |   |
| N                   | х           |           |              |             |   |
| 0                   | L           | r         | u            |             |   |
| Р                   | d           | e         |              |             |   |
| Q                   | U           | р         | t            |             |   |
| R                   | 1           | f         | у            |             |   |
| S                   | F           | h         | j            |             |   |
| Т                   | D           | E         | g            | р           | V |
| U                   |             |           |              |             |   |
| V                   | Z           |           |              |             |   |
| W                   |             |           |              |             |   |
| X                   |             |           |              |             |   |
| Υ                   | ļ           |           |              |             |   |
| Z                   |             |           |              |             |   |

FIGURE 4